

## INTERNATIONAL SEARCH REPORT

International Application No.

P03/02402

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G02B6/00 G02B26/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 953 469 A (ZHOU XIAOCHUAN) 14 September 1999 (1999-09-14) column 1, line 1 - column 11, line 14 column 20, line 41 - line 45 figures 1-3, 5A-6C ---	1-8
A	US 5 106 181 A (ROCKWELL III MARSHALL A) 21 April 1992 (1992-04-21) column 1 - column 4 column 6, line 48 column 9, line 6 - line 22 column 13, line 51 - column 14, line 2 column 15, line 60 - column 16, line 43 figures 3, 7, 11-14, 18, 19 --- -/--	1, 4, 5



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

19 September 2003

Date of mailing of the international search report

02/10/2003

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## C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00 50949 A (KONINKL PHILIPS ELECTRONICS NV) 31 August 2000 (2000-08-31) cited in the application the whole document -----	1-8

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 5953469	A	14-09-1999	AU WO	5156198 A 9819201 A1	22-05-1998 07-05-1998
US 5106181	A	21-04-1992	US	5009483 A	23-04-1991
WO 0050949	A	31-08-2000	WO EP JP US US	0050949 A1 1073925 A1 2002538493 A 2003141800 A1 6528937 B1	31-08-2000 07-02-2001 12-11-2002 31-07-2003 04-03-2003